

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 7-2005)

ATTORNEY'S DOCKET NUMBER

101621-23

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/565022**

INTERNATIONAL APPLICATION NO.  
**PCT/JP2004/008406**

INTERNATIONAL FILING DATE  
**June 9, 2004**

PRIORITY DATE CLAIMED  
**July 18, 2003**

**TITLE OF INVENTION**

**Antenna for Detecting Magnetic Field and Gate for Detecting Detection Tag Employing the Antenna**

**APPLICANT(S) FOR DO/EO/US**

**Kunihiko MATSUI et al.**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☒ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **EV 690630026 US**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.53) <div style="font-size: 24pt; font-weight: bold; text-align: center;">10/565022</div>	INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/JP2004/008406</div>	ATTORNEY'S DOCKET NUMBER <div style="text-align: center;">101621-23</div>	
23. Other items or information: Application Data Sheet Express Mail Certificate Return Receipt Postcard			
The following fees have been submitted:		CALCULATIONS	PTO USE
24. <input checked="" type="checkbox"/> Basic national fee ..... \$300		\$ 300.00	
25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article ..... \$0 All other situations. .... \$200		\$ 200.00	
26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. .... \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. .... \$400 All other situations. .... \$500		\$ 400.00	
<b>TOTAL OF 24, 25 and 26 =</b>		\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE
23 - 100 =	0 /50 =	0	x \$250.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	4 - 20 =	0	x \$50.00
Independent claims	0 - 3 =	0	x \$200.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00		\$	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$	\$900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		\$	\$0.00
<b>SUBTOTAL =</b>		\$	\$900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$	\$0.00
<b>TOTAL NATIONAL FEE =</b>		\$	\$900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +		\$	\$40.00
<b>TOTAL FEES ENCLOSED =</b>		\$	\$940.00
		Amount to be	\$
		Amount to be	\$

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 14-1263 in the amount of \$ \$940.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1263. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Bruce S. Londa  
Customer No. 27387  
Norris McLaughlin & Marcus, P.A.  
875 Third Avenue, 18th Floor  
New York, NY 10022

SIGNATURE

Bruce S. Londa

NAME

33,531

REGISTRATION NUMBER

January 17, 2006

DATE

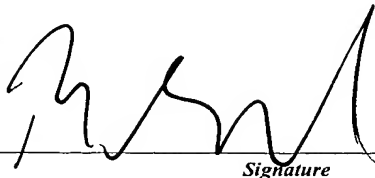
**TRANSMITTAL OF FORMAL DRAWINGS**Docket No.  
101621-23In Re Application Of: **Kunihiko MATSUI**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
<b>PCT/JP04/08406</b>	<b>June 9, 2004</b>	<b>TBA</b>	<b>27387</b>	<b>TBA</b>	<b>TBA</b>

Invention: **Antenna for Detecting Magnetic Field and Gate for Detecting Detection Tag Employing the Antenna**Address to:  
**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Transmitted herewith are:

6 sheets of formal drawing(s) for this application.

☒ Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c).  
*Signature***Bruce S. Londa  
Reg. No. 33,531  
Norris McLaughlin & Marcus, P.A.  
875 Third Avenue, 18th Floor  
New York, NY 10022**Dated: **January 17, 2006**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

**January 17, 2006***(Date)**Signature of Person Mailing Correspondence***Tina Manor***Typed or Printed Name of Person Mailing Correspondence*

APPLICANT: Kunihiro MATSUI

TITLE: Antenna for Detecting Magnetic Field and Gate for Detecting  
Detection Tag Employing the Antenna

This is a 371 of PCT/JP2004/008406

**EXPRESS MAIL CERTIFICATE**

“Express Mail” mailing label number EV 690630026 US

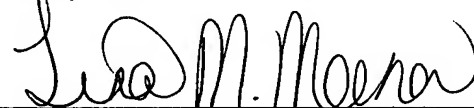
Date of Deposit January 17, 2006

I hereby certify that the following items:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)  
Concerning a Filing Under 35 U.S.C. 371
2. Application Data Sheet
3. Combined Declaration and Power of Attorney
4. Copy of application as published - WO 2005/008267 A1
5. English Translation containing description (pages 1-15); 6 claims (page 16) and  
Abstract
6. Transmittal of Formal Drawings with 6 sheets of drawings
7. Preliminary Amendment including Substitute Specification
8. Information Disclosure Statement with 1449 and 5 references
9. Copy of International Search Report
10. Copy of International Preliminary Examination Report
11. Recordation Form Cover Sheet with Assignment
12. Return Receipt Postcard

are being deposited with the United States Postal Services “Express Mail Post Office to  
Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to the:  
Mail Stop PCT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

NORRIS, McLAUGHLIN & MARCUS, P.A.

By   
Tina Marie Manor